BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work : Improvements to Drain at 2nd Main of Muthyala Nagara in Ward No.17

Estimate Cost:Rs. 1995000.00

Sl No	Description of work	No	Dimensions L	B	D	Quantity	Rate	Unit	Amount
1	2	3	4	5	6	7	8	9	10
1	Removing B.S.Slab of drain & stacking as per specification **(P-28, It.5.32)**								
	2nd Main	2	380.00	0.90		684.00			
					Total	**684.00**			
	Deduct 30% missing slab				**(-)**	**205.20**			23992
					Total	**478.80**	**50.11**	**Sqm**	~~23994.00~~
	Basic Rate	46.40							
	Area Weightage 8%	3.71							
	Total	**50.11**							
2	KSRB 2-1.1:Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manualluy (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled and after breaking of clods and neatly dressed as per specification Specification No. KBS 2.1(a)/2.3.1 **(P-5 It,2.1)**								
	Desilting	2	380.00	0.45	0.50	171.00			
					Total	**171.00**	**126.36**	**Cum**	**21608.00**
	Basic Rate	117.00							
	Area Weightage 8%	9.36							
	Total	**126.36**							
3	KSRB 2-2.2Earth work excavation for foundation of building water supply sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in **hardsoil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications. **(P-5, It,-2.4)**								
	For flogging course	4	380.00	0.20	0.15	45.60			
					Total	**45.60**	**227.88**	**Cum**	**10391.00**
	Basic Rate	211.00							
	Area Weightage 8%	16.88							
	Total	**227.88**							
4	Refixing stone slabs of drains and pointing in C.M (1:3) as per specifications. **(P-28, It. 5.33)**								
		Qty same as item No.1				478.80			
					Total	**478.80**	**70.04**	**Sqm**	**33534.00**
	Basic Rate	64.85							
	Area Weightage 8%	5.19							
	Total	**70.04**							

1	2	3	4	5	6	7	8	9	10
5	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 **(P-144, It.No. 17.1)**								
	QtyVid ItemNo.2					171.00			
	QtyVid ItemNo.3					45.60			
					Total	**216.60**	**108.64**	**Cum**	**23531.00**
	Basic Rate	62.20							
	Conveying for 15 km	38.40							
	Total	**100.60**							
	Area Weightage 8%	8.04							
	Total	**108.64**							
6	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregate @0.85 cum and fine aggregate @0.57 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **(P-12, It.4.3)**								
		4	380.00	0.20	0.10	30.40			
					Total	**30.40**	**4290.84**	**Cum**	**130442.00**
	Basic Rate:	3973.00							
	Area Weightage 8%	317.84							
	Total	**4290.84**							
7	KSRB 5-14:Providing and constructing preacast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry(quoin, jamb, closer blocks) with solid c oncrete blocks of size 40x20x20 cms confirming to IS:2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **(P-27, It.5.27.1)**								
		4	380.00		0.40	608.00			
					Total	**608.00**	**924.48**	**Sqm**	**562084.00**
	Basic Rate	856.00							
	Area Weightage 8%	68.48							
	Total	**924.48**							
8	KSRB 4-1.6:Providing and laying in position plain cement concrete of mix M15 with cement @240kgs with 20mm and down size graded granite metal, coarse aggregate @0.878cum and fine aggregate @0..459 cummachine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. **(P-12, It.4.6)**								
	coping	4	380.00	0.20	0.10	30.40			
	b/w kerb, slab & slab	2	380.00	0.10	0.10	7.60			
					Total	**38.00**	**4779.00**	**Cum**	**181602.00**
	Basic Rate:	4425.00							
	Area Weightage 8%	354.00							

1	2	3	4	5	6	7	8	9	10
	Total	**4779.00**							
9	Providing 10 cm thick granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. **(P-28, lt. 5.31.2)**								
		Qty same as missing.				205.20			
	Basic Rate:	537.00			**Total**	**205.20**	**579.96**	**Sqm**	**119008.00**
	Area Weightage 8%	42.96							
	Total	**579.96**							
10	KSRB 5-8.1Providing one line dressing to granite stone slabs / granitestone masonary as per specifications KBS 5.1.13. **(P-26, lt. 5.17)**								
		2	380.00	0.90		684.00			
	Basic Rate	406.00			**Total**	**684.00**	**438.48**	**Sqm**	**299920.00**
	Area Weightage 8%	32.48							
	Total	**438.48**							
11	5.29(b) Providing and fixing Pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with toop and bottom wideth 114 and 165 mm respectively 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, includng form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unoading lead and lift transportatin etc, complete. **(P-28, lt.5.30)**								
		2	380.00			760.00			
		760.00	/0.45	**Say**	**Total**	**760.00**			
	Basic Rate	248.00				**1689**	**267.84**	**Nos**	**452352.00**
	Area Weightage 8%	19.84							
	Total	**267.84**							
12	KSRRB 15-19.1:Providing and applying ready mix priming coat over concrete/ masonry/asbestos cement sheet/ plastered surfaces including preparing the surface after thoroughly cleaning of oil grease, dirt and other foreign matter, and sand preparing including cost of materials, labour complete as per specifications. **(P-131, lt.15.80)**								
		2	380.00		0.45	342.00			
	Basic Rate	22.00			**Total**	**342.00**	**23.76**	**Sqm**	**8126.00**
	Area Weightage 8%	1.76							
	Total	**23.76**							
13	KSRB 15-20.1:Providing and applying floor painting with ready mix paint in two coats (excluding primer coat) on new concrete/asbestos cement sheet/plastered surfaces brushing to give an even shade after preparing the surface after througly cleaning oil dirt, dust other foreign matter and sand papering including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(P.131, lt.15.83)**								
		Qty Vide Item No.14				342.00			
	Basic Rate	41.00			**Total**	**342.00**	**44.28**	**Sqm**	**15144.00**
	Area Weightage 8%	3.28							

1	2	3	4	5	6	7	8	9	10
	Total	**44.28**							
14	KSRB 5.9: Providing chamfering edges to stone slabs 2.5 cms, wide as per specifications (only chamfered length shall be recorded) KSRB 5.1.13 **(P-27, It.5.22)**					3798			
		2	633	3.00		3800.00			
					Total	**3800.00**	**28.40**	**Rmt**	**107935.00**
	Basic Rate:	26.30				3798			107863
	Area Weightage 8%	2.10							
	Total	**28.40**							
15	Providing and fixing M.S.Gratings as per direction of Engineer in charge of work (P-VIII, Sl N0.237)								
	Size 260 x260 mm	40				40			
					Total	**40**	**89.00**	**Each**	**3560.00**
16	Miscellaneous & Rounding off:							1843 **L/S**	1769.00
						Total Rs:			**1995000.00**

CERTIFICATE

1. *The work spot has been inspected and found to be necessary*
2. *The work spot comes under BBMP Limits*
3. *The provisions made in the estimate are necessary and minimum*
4. *The estimate is based on CSR of 2013-14*

Assistant Engineer
Ward No.17

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP, Bangalore

Executive Engineer
R.R. Nagara Division
BBMP, Bangalore

ADMINISTRATIVE APPROVED

Rs : 19,95,000/- Nineteen Lak, Ninety five Thousand ..... is accorded under the head : .....

By AC (R.R.N.) Sl. 2484

Vide Register Page No. 302 - 303 subject to conditions contained in enclosed item.

No. : 2484 ..... Date : 30-10-2013

TA, AC (R.R.N.)

ನಂ.: 21 ದಿನಾಂಕ: 30-10-13

ರೂ. 1995000/- ಒ Nineteen lakh Ninety five Thousand ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜುರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ.ಬ.ಎಂ.ಪಿ.. ರಾಜರಾಜೇಶ್ವರಿ
ನಗರ ವಿಭಾಗ. ಬೆಂಗಳೂರು